

What is claimed is:

1) A flight for use in collating packaging equipment and the like

comprising:

A) a flight body having first and second extremities;

5 B) a spring mounted in at least one of said extremities;

C) a first arm attached to said spring and extending from said flight body;

D) a first chain drive engagement pin attached to said first arm and extending in the direction of said flight body;

10 E) a second arm extending from the other of said extremities; and

F) a second chain drive engagement pin attached to said second arm;

said first arm and said spring connected such that when said first arm is drawn away from said first or second extremity said spring acts to draw said first arm and said attached first chain drive engagement pin and said second arm and said second chain drive engagement pin back toward said flight body.

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2) The flight of claim 1 comprising a single spring mounted in one

20 extremity of said flight body.

3) The flight body of claim 1 comprising a pair of opposed spring and arm assemblies located at opposing extremities of said flight body.

3) The flight of claim 1 wherein said flight body includes at least one chamber in one of said extremities and said spring is mounted in said chamber.

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4) The flight of claim 1 further including a guide shaft attached to said first arm for maintaining the proper orientation of said first arm and said chain drive engagement pin.

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5) In combination a flight and drive chain comprising:

A) a flight body having first and second extremities;

B) a spring mounted in at least one of said extremities;

C) a first arm attached to said spring and extending from said flight body;

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D) a first chain drive engagement pin attached to said arm and extending in the direction of said flight body;

E) a second arm extending from the other of said extremities;

F) a second chain drive engagement pin attached to said second arm; and

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G) a pair of parallel drive chains having connected but spaced apart links that include a central aperture of a size to receive said chain drive engagement pin;

said first arm and said spring connected such that when said first arm is drawn away from said first extremity said spring acts to draw said first arm and said attached chain drive engagement pin and said second chain drive engagement pin back toward said flight body and into pre-selected of said apertures thereby causing engagement of said flight body with links in each of said drive chain pair.

6) The flight of claim 1 comprising a single spring mounted in one extremity of said flight body.

7) The flight body of claim 1 comprising a pair of opposed spring and arm assemblies located at opposing extremities of said flight body.

8) The flight of claim 1 wherein said flight body includes at least one chamber in one of said extremities and said spring is mounted in said chamber.

9) The flight of claim 1 further including a guide shaft attached to said first arm for maintaining the proper orientation of said first arm and said chain drive engagement pin.

10) A flight for use in collating packaging equipment and the like comprising:

- A) a flight body having first and second extremities;**
- B) a spring assembly in at least one of said extremities;**
- C) a first chain drive engagement pin attached to said spring assembly;**

- 5 D) a second chain drive engagement pin attached to said second extremity;**

said spring assembly and said first chain drive engagement pin connected such that when said first chain engagement pin is drawn away from said first extremity said spring acts to draw first chain drive engagement pin back toward said flight body.

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11) The flight of claim 10 wherein said spring assembly comprises an arm having first and second extremities attached to said spring at one of said extremities and said chain drive engagement pin is attached to the other of said extremities.

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12) The flight of claim 11 wherein said spring is located in a chamber in said flight body extremity.

13) The flight of claim 12 wherein said spring is a coil spring and further including a shaft about which said coil spring is oriented.

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14) The flight of claim 13 further including a guide shaft in said flight body extremity, said guide shaft being attached to said arm to prevent rotation of said arm about said shaft.

5 15) The flight of claim 10 comprising a pair of opposed spring assemblies located at opposing extremities of said flight body.